

**PDBS Modification
Estimate System
Item Price Setup**

We have added a new function to the Engineer's Estimate Setup window called "Item Price Setup". After clicking on the Item Price Setup button, the "Average Price Calculation Criteria Setup" window will open which allows you to select and save the default criteria to be used for average price lookup calculations.

Engineer's Estimate Setup

Project Number: Z-2
Version Number: 1
CE Obligation %: \$5.00
Designed By: LISA WILSON
Checked By: BROOKE STRUVE
Comment:

A + B Bidding
Number of Calendar days:
Daily Road User Cost: \$5.00
B (Calendar days X Road User Costs)

Project Maintenance **Item Price Setup** Accept Cancel

For example, if you want the average price for an item to be based on all bids received on projects within the selected date range rather than just the bid prices received from the awarded contractors, click the "Bids", "All" radio button instead of the "Awarded Only" radio button. If you also wanted the average price calculation to only consider prices on projects in Region 2, change the "Location (Statewide +)", "Region" dropdown from "NONE" to "Region 2". After "Save"ing your defaults, exit or "Cancel" out of the window.

Average Price Calculation Criteria Setup

File Edit Sub Systems Estimate Window Help

Average Price Calculation Criteria

Date Range
From: 01/01/2005
To: 09/01/2005

Location (Statewide +)
Region or County: REGION 2, NONE

Quantity Range
Minimum: 1
Maximum: 999999

Bids
Awarded Only
All

Units: CSI - INCH/POUND
Funding: FED/STATE

List Options
Item summary
Projects
Contractors

Cancel
Save

Modify field as needed

Once defaults have been saved, every time an item is added to the Engineer's Estimate, those defaults will be used to determine the average price rather than the statewide average price from the preceding calendar year (if a price existed for the preceding year).

Engineer's Estimate

Select Project: ZZZ-READVERTIZE Version 1: All Editing Rights Estimate Setup

Detail	Description	Alt Bid Grp #	Alt Bid #	Funding	Total
77 - MISC NON-BID: UDOT CONTI		0	0		\$1,000.00
10 - ROADWAY		0	0		\$0.00
76 - MISC NON-BID	INCENTIVES	0	0		\$5,000.00
85 - CONSTRUCTION ENGINEERING		0	0		\$15,000.00
97 - PRELIMINARY ENGINEERING		0	0		\$11,000.00
109 - INNOVATIVE CONTRACTING	Alternate Bid item	1	1		\$3,083.68

Item #	Description	Qty	UOM	Lump Qty	Lump Uom	Unit Price	Extended Price
012850010	Mobilization	1	Lump	.0		\$0.00	\$0.00
013150010	Public Information Ser	1	Lump	.0		\$0.00	\$0.00
015540005	Traffic Control	1	Lump	.0		\$0.00	\$0.00
015710030	Silt Fence		ft	.0		\$4.59	\$0.00
015710040	Slope Drain		ft	.0		\$20.00	\$0.00
015710080	Sediment Trap		cu ft	.0		\$6.00	\$0.00
015710090	Temporary Berm		ft	.0		\$3.00	\$0.00
015710100	Curb Inlet Barrier		Each	.0		\$200.00	\$0.00
017210010	Survey	1	Lump	.0		\$0.00	\$0.00

Values added per setup criteria (Reg. 2, All bids, Date Range 1/1/05 - 9/1/05)

Line/Sheet From Station From Offset To Station To Offset Qty Comment Info Only

Also, if you right-mouse click on an existing item's price column in the Engineer's Estimate, and select "Lookup Item Price", when the "Standard Item Average Price Lookup" window opens, the defaults will be displayed; however, if desired, the defaults can be changed prior to clicking on the "OK" button. After the "OK" button is selected, the appropriate Average Price report will be produced. If you right-mouse click on the report you can choose to have the program "Return the State Avg Price". "Return the Region Avg Price", or "Return the County Avg Price". Which price that can be returned depends on the criteria you had selected.

The screenshot shows the 'Engineer's Estimate' window with the 'Select Project' field set to 'ZZZ-READVERTISE'. The window displays a table of items with columns for Detail, Description, Alt Bid Grp #, Alt Bid #, Funding, and Total. A right-click context menu is open over the 'Unit Price' column of item 015710030, showing options like Cut, Copy, Paste, and 'Lookup Item Price' (which is highlighted with a red box).

Detail	Description	Alt Bid Grp #	Alt Bid #	Funding	Total
77 - MISC NON-BID: UDOT CONTI		0	0		\$1,000.00
10 - ROADWAY		0	0		\$0.00
76 - MISC NON-BID	INCENTIVES	0	0		\$5,000.00
95 - CONSTRUCTION ENGINEER		0	0		\$15,000.00
97 - PRELIMINARY ENGINEERING		0	0		\$11,000.00
109 - INNOVATIVE CONTRACTING	Alternate Bid item	1	1		\$3,083.68

Item #	Description	Qty	UOM	Lump Qty	Lump Uom	Unit Price	Extended Price
012850010	Mobilization	1	Lump	.0		\$0.00	\$0.00
013150010	Public Information Services	1	Lump	.0		\$0.00	\$0.00
015540005	Traffic Control	1	Lump	.0		\$0.00	\$0.00
015710030	Silt Fence	1	ft	.0		\$4.59	\$4.59
015710040	Slope Drain	1	ft	.0		\$20.00	\$20.00
015710080	Sediment Trap	1	cu ft	.0		\$6.00	\$6.00
015710090	Temporary Berm	1	ft	.0		\$3.00	\$3.00
015710100	Curb Inlet Barrier	1	Each	.0		\$200.00	\$200.00
017210010	Survey	1	Lump	.0		\$0.00	\$0.00

The screenshot shows the 'Standard Item Average Price Lookup' window. The 'Average Price Calculation Criteria' section has several fields: 'Date Range' (From: 01/01/2005, To: 09/01/2005), 'Location (Statewide +)' (Region: REGION 2, County: NONE), 'Quantity Range' (Minimum: 1, Maximum: 999999), 'Bids' (Awarded Only: unselected, All: selected), 'Units' (CSI - INCH/POUND), and 'Funding' (FED/STATE). The 'List Options' section has 'Item summary' selected. The 'Select Item' section shows 'Item Numbers' and '015710030'. A red box at the bottom highlights the 'Default Criteria' section.

Price returned (\$4.59) for 015710030 Silt Fence based on default price setup for Reg. 2.

Item Price Lookup							
Standard Item Average Price				Statewide		REGION 2	
Item Number	Unit	Item Description		Price	Total Quantity	Price	Total Quantity
015710030	ft	Silt Fence	Avg:	\$2.92	73,000	\$4.59	5,902
			High \$:	\$10.00		\$10.00	
			Low \$:	\$1.00		\$1.71	
			High Qty:		5,652		1,471
			Low Qty:		10		10
Total item average:				\$2.92	73,000	\$4.59	5,902

Right Click
anywhere on
page and select
Price to be
returned to Eng.
Estimate.

Cut
Copy
Paste
Select All

Insert
Add
Delete

Return State Avg Price
Return Region Avg Price
Return County Avg Price